

CLAIMS

1. A combined printing and binding device comprising:
a media tray adapted to receive and retain a plurality of media sheets;
a first page-width printhead adapted to print ink onto a media sheet;
5 an adhesive applicator adapted to apply adhesive to a media sheet;
a binder adapted to bind a plurality of media sheets together; and
a housing adapted to house the media tray, the printhead, the adhesive applicator
and the binder,
wherein the device is adapted to print and bind a media sheet positioned in an
10 original plane of orientation in the media tray by transporting the first media sheet from
the media tray, past the printhead and the adhesive applicator, to the binder, whilst
substantially maintaining the media sheet in its original plane of orientation.
2. The device of claim 1, adapted to transport the media sheet from the media tray,
15 past the printhead and the adhesive applicator, to the binder in a substantially straight
line.
3. The device of claim 1, wherein the media tray and the binder are arranged end-to-
end with the printhead and adhesive applicator positioned intermediate the media tray
20 and the binder.
4. The device of claim 3 wherein the media tray and the binder are arranged in a
portrait orientation.
- 25 5. The device of claim 4 wherein the media sheet has a long edge and a short edge
and wherein the length of the housing is less than three times the length of the long edge
of the media sheet.
6. The device of claim 3 wherein the media tray and the binder are arranged in a
30 landscape orientation.
7. The device of claim 6 wherein the media sheet has a long edge and a short edge

and wherein the length of the housing is less than three times the length of the short edge of the media sheet.

8. The device of claim 1 further comprising a second page-width printhead
5 positioned opposite the first page-width printhead, the first and second page-width
printheads being adapted to simultaneously print on both sides of the media sheet as the
media sheet passes between the two printheads.

9. The device of claim 8 adapted to print colour images onto media sheets at a rate
10 of over 30 double sided sheets per minute.

10. The device of claim 1, adapted to be wall-mountable.